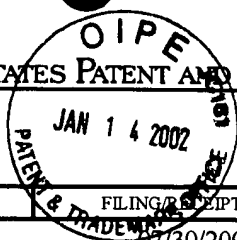


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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/918,396	07/30/2001	Brian Kennedy	20162PDA

CONFIRMATION NO. 1405

FORMALITIES LETTER



OC000000007128868

Merck & Co., Inc.
Patent Department
P.O. Box 2000 - RY60-30
Rahway, NJ 07065-0907

Date Mailed: 11/28/2001

NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

Filing Date Granted

The U.S. Patent and Trademark Office has received your reply on 10/11/2001 to the Notice to File Missing Parts (Notice) mailed 08/15/2001 and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216

- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

2004 SEP 10 10 44 AM '04

FEE TRANSMITTAL

Patent fees are subject to annual revision.

JAN 14 2002

PATENT & TRADEMARK OFFICE

Complete if Known

Application Number	09/918,396
Filing Date	July 30, 2001
First Named Inventor	Kennedy, et al.
Examiner Name	
Group Art Unit	
Attorney Docket Number	20162PDA

TOTAL AMOUNT OF PAYMENT

\$400

METHOD OF PAYMENT (Check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 13-2755

Deposit Account Name Merck & Co., Inc.

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	Utility filing fee	
106	330	Design filing fee	
108	740	Reissue filing fee	
114	160	Provisional filing fee	

SUBTOTAL(1) \$0

2. EXTRA CLAIM FEES

	Extra	Fee from below	Fee Paid
Total Claims 20 ** = 0 x \$18 = 0			
Independent Claims 3 ** = 0 x \$84 = 0			
Multiple Dependent Claims \$280 =			

**or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Fee Description
103	18	Claims in excess of 20
102	84	Independent claims in excess of 3
104	280	Multiple dependent claim, if not paid
109	84	**Reissue independent claims over original patent
110	18	**Reissue claims in excess of 20 and over original patent

SUBTOTAL(2) \$0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
147	2,520	For filing a request for reexamination	
115	110	Extension for reply within first month	
116	400	Extension for reply within second month	400
117	920	Extension for reply within third month	
118	1,440	Extension for reply within fourth month	
128	1,960	Extension for reply within fifth month	
119	320	Notice of Appeal	
120	320	Filing a brief in support of an appeal	
121	280	Request for oral hearing	
140	110	Petition to revive - unavoidable	
141	1,280	Petition to revive - unintentional	
142	1,280	Utility issue fee (or reissue)	
143	460	Design issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	180	Submission of Information Disclosure Statement	
581	40	Recording each patent assignment per property (times number of properties)	
146	740	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	Request for Continued Examination (RCE)	
Other fee (specify) _____			
Other fee (specify) _____			

SUBTOTAL(3) \$400

SUBMITTED BY

Typed or Printed Name

Joseph A. Coppola

Signature

Joseph A. Coppola

Date

12/12/2001

Complete (if applicable)

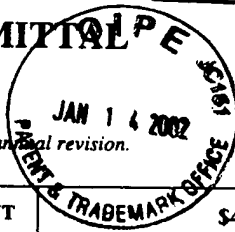
Reg. Number

38,413

Deposit Account User ID

FEE TRANSMITTAL

Patent fees are subject to annual revision.



TOTAL AMOUNT OF PAYMENT

\$400

Complete if Known

Application Number	09/918,396
Filing Date	July 30, 2001
First Named Inventor	Kennedy, et al.
Examiner Name	
Group Art Unit	
Attorney Docket Number	20162PDA

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- 2.
- ☐
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☐ Check ☐ Money Order ☐ Other

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108	740	Reissue filing fee	
114	160	Provisional filing fee	
SUBTOTAL(1)			\$0

2. EXTRA CLAIM FEES

	Extra	Fee from below	Fee Paid
Total Claims	20	** = 0	x \$18 = 0
Independent Claims	3	** = 0	x \$84 = 0
Multiple Dependent Claims			\$280 =

**or number previously paid, if greater; For Reissues, see below

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104	280	Multiple dependent claim, if not paid
109	84	**Reissue independent claims over original patent
110	18	**Reissue claims in excess of 20 and over original patent

SUBTOTAL(2) \$0

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
147	2,520	For filing a request for reexamination	
115	110	Extension for reply within first month	
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149	740	For each additional invention to be examined (37 CFR 1.129(b))	
179	740	Request for Continued Examination (RCE)	
Other fee (specify)			
Other fee (specify)			
SUBTOTAL(3)			\$400

SUBMITTED BY

Typed or Printed Name Joseph A. Coppola

Signature

Joseph A. Coppola

Date

12/12/2001

Complete (if applicable)

Reg. Number 38,413

Deposit Account User ID



COPY OF PAPERS
ORIGINALLY FILED

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Kennedy, et al.
Serial No.:	09/918,396 - Case No.: 20162PDA
Filed:	July 30, 3001
For:	PROTEIN TYROSINE PHOSPHATASE-1B (PTP-1B) DEFICIENT MICE AND ASSAYS FOR PTP-1B MODULATORS

Art Unit:

Examiner:

Assistant Commissioner for Patents
Washington, DC 20231

ATTENTION: Official Draftsman

TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Submitted herewith are FIGS. 1A-8C on eleven (11) sheets of Formal Drawings. The Formal Drawings address the informalities noted in the Notice of Incomplete Reply.

Should communication with the undersigned representative facilitate the review and the acceptance of the enclosed drawings, the Official Draftsman is invited to telephone the representative at the number listed below.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date appearing below.

By Nancy York Date 12/12/01
MERCK & CO., INC.

Respectfully submitted,

By Joseph A. Coppola
Joseph A. Coppola
Reg. No. 38,413
Attorney for Applicant
MERCK & CO., INC.
P.O. Box 2000
Rahway, New Jersey 07065-0907
(732) 594-6734

Date: DECEMBER 12, 2001

Application Number: 09/918,396

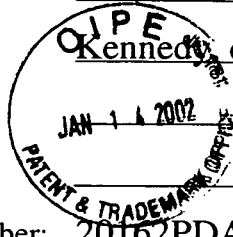
Filing Date: 07/30/2001

First Named Inventor: Kennedy, et al.

Group Art Unit: _____

Examiner Name: _____

Attorney Docket Number: 20162PDA



FIRST CLASS MAIL CERTIFICATE

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON THE DATE APPEARING BELOW.

MERCK & CO., INC.

MAILED BY

Nancy E. York

DATE

December 12, 2001

DISK TO STIC

DATE: _____

